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54) Title: INFORMATION PROCESSOR FOR VISUALLY DISABLED PERSON AND TACTILE INPUT/OUTPUT DEVICE

54) 発明の名称 視覚障害者用情報処理装置ならびに触覚入出力装置

57) Abstract

An information processor for a visually disabled person divides information having a structure developable on a two-dimensional plane into information units of a block, maps the units to keytops settable at three levels of height from the operating plane, and makes a speech describing the structure and contents of the information units in a low layer. Even with a mited number of keytops, a complex layer structure or a layout is effectively read and the contents can be edited by speech input means, thus enabling a visually disabled person to read and edit information efficiently. By the principle, the actions of a personal computer can be selectively sed. A picture or numerical formula can be presented.

